

A NEW SPECIES OF THE GENUS *PSEUDOPODA* FROM CHINA (ARANEAE, SPARASSIDAE)

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Abstract One new species of the genus *Pseudopoda* is described from Tibet, China, under the name *Pseudopoda zhangii* sp. nov.

Key words Sparassidae, *Pseudopoda*, new species, China, Tibet.

1 Introduction

The genus *Pseudopoda* Jäger, 2000 was erected by Jäger (2000) for nine species, and most of them were originally described and placed in *Heteropoda* Latreille, 1804. Recently, the genus *Pseudopoda* in Yunnan Province, China was revised describing 15 new species (Jäger & Vedel, 2007). Up to now, 89 species have been reported all over the world, of which 31 species occur in China (Platnick, 2008).

Examining spider specimens collected from Tibet, China, a new species of the spider genus *Pseudopoda* was recognized and is described below.

2 Material and Methods

Specimens were studied under a Tech XTL- II (Beijing, China) stereomicroscope equipped with an Abbe drawing device (Nanjing, China). All measurements are given in millimeters (mm).

Type specimens of the new species are deposited in the Museum of Hebei University (MHBU), Baoding.

Leg measurements are shown as: total length (femur + patella + tibia + metatarsus + tarsus). The chaetotaxy is given in the following formula: femur I 3230 (3 pro-lateral, 2 dorsal, 3 retro-lateral and no ventral spines).

Abbreviations used: ALE, anterior lateral eye; AME, anterior median eye; AME-ALE, distance between AME and ALE; AME-AME, distance between AMEs; MOA, median eye area; PLE, posterior lateral eye; PME, posterior median eye; PME-PLE, distance between PME and PLE; PME-PME, distance between PMEs; RTA, tibial apophysis.

3 Taxonomy

Pseudopoda zhangii sp. nov. (Figs. 1-5)

Diagnosis. The male of this new species is similar to *Pseudopoda gogona* Jäger, 2001 (Jäger, 2001), but can be distinguished by the tegulum narrower and tip of the embolus longer. The female of this new species is similar to *Pseudopoda digitata* Jäger & Vedel, 2007 (Jäger & Vedel, 2007), but can be distinguished by the strongly curved

anterior margins of lateral lobes in combination with the shape of epigynal pockets and internal duct system.

Description. Male. Holotype total length 6.94: prosoma 3.37 long, 3.17 wide; opisthosoma 3.57 long, 3.42 wide. Dorsal shield of prosoma light yellow. Cervical groove and radial furrow obvious. Fovea long, longitudinal, dark brown. Eyes surrounded by circular black patches. Eye rows slight recurved. Eye diameters and interdistances: AME 0.10, ALE 0.175, PME 0.10, PLE 0.15; AME-AME 0.23, AME-ALE 0.13, PME-PME 0.33, PME-PLE 0.38. MOA 0.58 long, anterior width 0.40, posterior width 0.50. Clypeus height 0.25. Chelicerae yellow with 3 teeth on promargin, 4 teeth on retromargin, and some denticles between them. Labium, endites yellow. Sternum yellow with dark brown setae. Legs yellow and spinose. Femora with dark spots. Leg measurements: I 14.10 (3.88, 1.30, 3.82, 3.72, 1.38), II 14.83 (4.28, 1.12, 3.72, 4.28, 1.43), III 12.51 (3.32, 1.33, 3.32, 3.37, 1.17), IV 14.75 (4.08, 1.13, 4.08, 4.18, 1.28). Leg formula: 2413. Leg spination: palp 131, 101, 2111; femur I - III 3230, IV 3310; patella I - IV 0000; tibia I - IV 2026; metatarsus I - II 2024, III 3024, IV 3036. Opisthosoma oval, dorsum light brown. Venter light brown, with some brown spots.

Male palp (Figs. 4-5). Embolus arising in 9 o'clock position from tegulum, sickle shaped, flattened and broadened, tip narrow; conductor in 12 o'clock position from tegulum; spermiduct running marginally at retrolateral margin of tegulum; RTA arising basally from tibia, dorsal part finger like, short and painted.

Female. Total length 9.44-10.08. A paratype (China, Tibet, Medog Xian, Beibeng Township, 8 Aug. 2003, collected by ZHANG Feng) total length 9.44: prosoma 4.74 long, 4.18 wide; opisthosoma 4.69 long, 3.62 wide. Dorsal shield of prosoma yellowish brown. Opisthosoma oval, brown, with one white patch at the rear. Eye diameters and interdistances: AME 0.20, ALE 0.30, PME 0.23, PLE 0.30; AME-AME 0.18, AME-ALE 0.08, PME-PME 0.20, PME-PLE

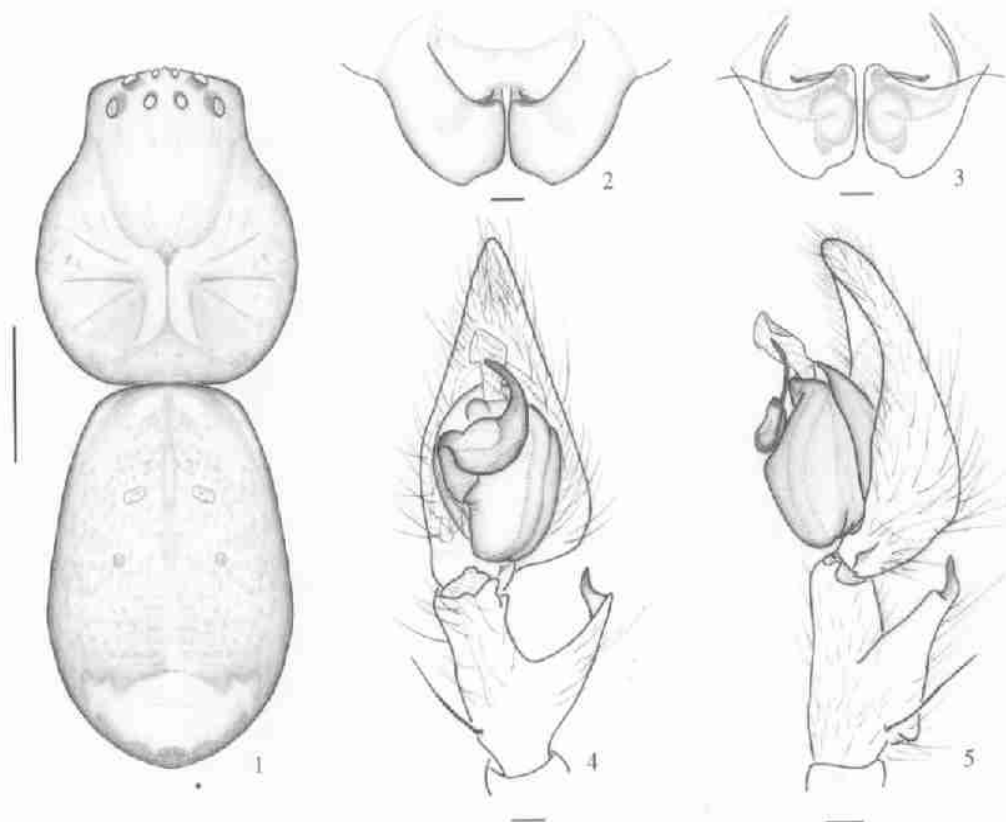
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0.35. MOA 0.43 long, anterior width 0.30, posterior width 0.50. Clypeus height 0.275. Leg measurements: I 16.00 (4.49, 1.70, 4.28, 4.13, 1.40), II 17.22 (5.10, 1.94, 4.59, 4.44, 1.15), III 15.09 (4.49, 1.70, 3.88, 3.57, 1.45), IV 16.37 (4.85, 1.63, 3.93, 4.28, 1.73). Leg formula: 2413. Leg spination: palp 131, 101, 2121, 1014; femur I - II 3230, III

3310, IV 3310; patella I - IV 0000; tibia I - IV 2026; metatarsus I - II 2024, III 3024, IV 3036.

Epigynum. Epigynal field wider than long, anterior margin of lateral lobes basin shaped, median epigynal septum invisible; spermathecae swollen, ovoid, strongly close to the median line of epigynum.



Figs 1-5. *Pseudopoda zhengi* sp. nov. 1-3. Paratype. 1. Female, dorsal view. 2. Epigyne, ventral view. 3. Vulva, dorsal view. 4-5. Holotype. 4. Left male palp, ventral view. 5. Left male palp, retrolateral view. Scale bars: 1= 2 mm, 2-5= 0.2 mm.

Distribution. China (Tibet).

Holotype ♂, China, Tibet, Medog Xian, Beibeng Township (29°13'N, 95°18'E; alt. 2253 m), 8 Aug. 2003, collected by ZHANG Feng. Paratypes: 1 ♀, same data as holotype; 2 ♀ ♀, China, Tibet, Medog Xian, Beibeng Town, 13 Aug. 2003, collected by ZHANG Feng.

Etymology. The specific name is a patronym in honour of Dr. ZHANG Feng, who collected the type specimens.

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中国拟遁蛛属一新种记述 (蜘蛛目, 异足蛛科)

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摘 要 记述了采自中国西藏的拟遁蛛属 1 新种: 张氏拟遁蛛, 新种 *Pseudopoda zhang* sp. nov. 。 95° 18' E, 海拔2 253 m), 2003-08-08, 张锋采; 副模2♀ ♀, 西藏墨脱县背崩乡, 2003-08-13, 张锋采。
张氏拟遁蛛, 新种 *Pseudopoda zhang* **sp. nov.** (图 1~ 5) 词源: 以采集人的姓氏命名。
正模 ♂, 副模 1♀, 西藏墨脱县背崩乡 (29° 13' N, 关键词 异足蛛科, 拟遁蛛属, 新种, 中国, 西藏。
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